

Retinol binding protein dan luaran pasca pembedahan mayor = Retinol binding protein and post mayor surgery outcomes

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Abstrak

Malnutrisi sering ditemukan pada anak dengan pasca pembedahan dan berhubungan dengan luaran sepsis atau infeksi luka operasi. Penelitian observasional analitik ini bertujuan mengetahui pengaruh malnutrisi terhadap luaran pasien pasca pembedahan dengan mengukur penurunan kadar RBP pada hari pertama dan kelima pasca pembedahan. Dilakukan pengukuran kadar RBP, kortisol, CRP pada hari pertama dan kelima pasca pembedahan, luaran infeksi dinilai berdasarkan skor ASEPSIS. Hasil penelitian ini menunjukkan penurunan RBP, peningkatan CRP, usia dan skor ASA berturut-turut memberikan risiko 4,4;3,3;1,2 dan 1,3 kali terjadinya infeksi luka operasi pada pasien pasca pembedahan mayor, namun tidak didapatkan perbedaan yang bermakna.

.....Malnutrition is often found in children with post-surgery and associated with poor outcomes such as sepsis or surgical wound infections. This analytic observational study aims to determine the effects of malnutrition on the outcomes of patients after surgery by measuring the decrease in Retinol Binding Protein (RBP) levels on the first and fifth day post-surgery. We measured levels of RBP, cortisol, CRP in the first and fifth day post-surgery and infection outcomes were evaluated according to ASEPSIS score. The results of this study showed a decrease in RBP, an increase in CRP, age and ASA score consecutively provide risk 4.4; 3.3, 1.2 and 1.3 times for occurrence of surgical wound infections in patients after major surgery, but there were no statistically differences.